

AMENDMENTS TO THE SPECIFICATION

**Please delete the present Abstract of the Disclosure and replace it with the following
new Abstract of the Disclosure.**

01 The present invention is directed to a monotone conversion apparatus that it is provided with a picture acquisition unit for expressing a picture in picture elements in a dot matrix form and acquiring picture data representing each picture element in gradation of prescribed element colors into which an original color is separated. Further, a luminance distribution totaling unit is used for totaling the luminance equivalent of each picture element on the basis of the picture data, where a luminance correspondence setting unit is employed to derive a correspondence relationship of luminance conversion for converting the pertinent luminance distribution on the basis of the totaled luminance distribution. Further, present invention contains a picture data conversion unit which generates monotone picture data where the luminance of each picture element in the picture data is converted on the basis of the derived correspondence relationship of luminance conversion.
